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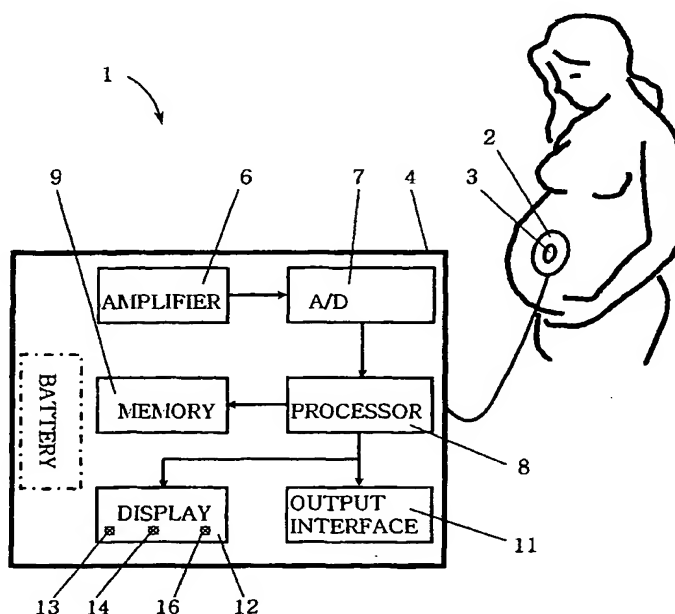
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[Continued on next page]

(54) Title: **BIO-FILTER PAD FOR FACILITATING THE DETECTION OF AN OCCURENCE OF A PHYSIOLOGICAL ACTION .**



(57) Abstract: The present invention facilitates the detection of an occurrence of a physiological action imparting a displacement to a body part at a natural frequency signature by virtue of a bio-filter pad (2) including a viscoelastic interior (23) for intimate juxtapositioning against the body part, and having a mechanical resonance frequency midway in the range of the frequency signature associated with the physiological action.

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WO 2004/012598 A3

WO 2004/012598 A3



— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 5/103, 5/117

US CL : 600/595

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 600/595,376, 372, 382, 391, 587

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,898,179 A (Sirota) 6 February 1990 (06.02.1990), entire document	14 - 16
A	US 5,265,619 A (Comby et al.) 30 November 1993 (30.11.1993), entire document	1 and 8
A	US 6,024,711 A (Lentle et al.) 15 February 2000 (15.02.2000), entire document	1 and 8
A	US 6,135,969 A (Hale et al.) 24 October 2000 (24.10.2000), entire document	14 - 16

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☐ See patent family annex.

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Continuation of Item 4 of the first sheet:
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BIO-FILTER PAD FOR FACILITATING THE DETECTION OF AN OCCURANCE OF A PHYSIOLOGICAL ACTION